QUALIFIED PRODUCT FORM FOR RESIDENTIAL VENTILATING FANS

ENERGY STAR is a registered US mark.

ENERGY STAR® Product Information Form for Use by ENERGY STAR Labeled Residential Ventilating Fan Partners
(Companies who have joined ENERGY STAR for Residential Ventilating Fans by signing the Partnership Agreement)

You may use this form to report only those products that are sold under your company's brand name. If your firm sells its models to another company that uses its own brand name, that company must join the program and report its own products. Information from this form will be added to the list of ENERGY STAR qualified residential ventilating fan products. Please send this form for each qualifying product model to ENERGY STAR, ***c/o Erin Trager at ICF Consulting, by fax at (202) 862-1144 or email etrager@icfconsulting.com.***

Company Name:_____
(As listed in Partnership Agreement)

Product Contact Information
(For public requesting product information)

Name_____
Tel:_____ Fax:_____
E-mail: _____

Note: Please provide the following information on the tested model ONLY.

Mark below the group that this product is primarily marketed:
Builders _____ Homeowners _____ Kitchen Designers _____ Other (specify)_____

Please complete all the fields below (see term definitions on page 2).

Brand Name/ Manufacturer	Model Name & Number	Fan Duty	CFM	Motor Wattage	CFM/W	Static Pressure	Sones	Lighting Wattage	Night Light Wattage	Date Product First Shipped

Tested By: (Name of Independent Testing Firm or Self-Tested) _____ Date Tested: _____

Is the product in the Home Ventilating Institute Directory? _____ If so, under what name? _____

Qualification

This model meets all the requirements of the ENERGY STAR Residential Ventilating Fan Partnership Agreement. (*See Eligibility Criteria section of the ENERGY STAR Residential Ventilating Fan Partnership Agreement*)

Please sign below:

Signature_____ Date_____

Printed Name_____

TERM DEFINITIONS

CFM
Airflow of residential ventilating fans shall be measured in **cubic feet per minute (cfm)**. The cfm values shall be measured by the method described in Home Ventilating Institute (HVI) Standard 916.

CFM/W
The efficacy of the residential ventilating fan shall be expressed in **cubic feet per minute per watt (cfm/W)**. Manufacturers shall calculate efficacy by using the airflow and fan motor electrical power values determined by HVI Standard 916 and listed in the HVI product directory. If HVI chooses not to list the wattage values in its product directory, manufacturers must submit the wattage reading to EPA for an efficacy calculation as part of the certification process. Fan motor electrical usage will be the only energy consumption considered. Energy used for other fan auxiliaries such as lights or heaters is not included in the determination of energy consumption.

Fan Duty
Residential ventilating fans move or circulate air and provide ventilation for one or more rooms or a whole building. Duty cycling means to actively change or control the on/off-controller on the fan unit to reduce overall run time hours of the fan. Fan Duty is the measure of duty cycling, and is calculated as the ratio of "on-time" to "total cycle time."

Lighting Wattage
Lighting wattage is the rate of energy transfer used to light the unit. It is the product of voltage, electrical current (amperage), and power factor.

Motor Wattage
Motors use power supplied by an external energy source and convert it into force and/or motion. Motor wattage is the product of voltage, electrical current (amperage), and power factor.

Night Light Wattage
Similar to regular lighting wattage (see definition), night light wattage is the rate of energy transfer used by lighting in a unit during unoccupied times (i.e. the period of time that a facility or building is not in operation or "after business" hours). It is the product of Voltage, Current (amperage), and Power Factor. This number is for total wattage used for lighting when the fan is off or during unoccupied times.

Sones
The sound output of a residential ventilating fan is measured in sones. The sound ratings shall be measured using the method described in HVI Standard 915. HVI's product directory lists sone values.

Static Pressure
Static pressure, measured in inches of water gauge, is the force per unit area that air will exert on a surface, measured parallel to the fan airflow. Each fan unit has a static pressure rating. In practical terms, static pressure indicates how much pressure a fan must develop to overcome the friction resisting the airflow.